Technical Bulletin
# ADABAS Native SQL Version 1.7.1

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Section/Groups:     Software Management/Database Administration
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Effective November 1, 1998, version 1.7.1 of ADABAS Native SQL will be installed in Richfield. The same software will be implemented in Salt Lake on November 8, 1998. There are several enhancements offered in this release which are described below:

1.  A Descending Option is supported for Read Logical and Histogram statements. There are two ways to use the new Descending Option:

    C   Specify the new LE or <= operand in the WHERE clause.
    C   Use the new DESCENDING keyword in the ORDER BY clause.

2.  The following limits have been increased:

    C   Number of fields mentioned by name in the SELECT clause was increased from 100 to 300.
    C   The length of an ADABAS Native SQL source statement was increased from 50 to 100 lines.
    C   The number of variables in the SET clause of the UPDATE/INSERT statement was increased from 100 to 300.
    C   The number of lines of COBOL code generated for one ADABAS Native SQL statement increased from 100 to 200.

**Please be aware that the standard batch error handling program, RESPINT, which is supplied with ADABAS Native SQL is written in VS Cobol**. Cobol for MVS is recommended for the Year 2000. As customers convert their batch ADABAS Native SQL programs to Cobol for MVS, it will be necessary to use an error handling routine which is compatible with Cobol for MVS.

The Database group has created a Cobol for MVS version of RESPINT which is named RESPINT3. The load module for RESPINT3 is in the load library named GP.ADASQL.LOAD and is available for agency use. **Either RESPINT3 or an agency written error handling program must be specified in the ABORT Global Parameter for Cobol for MVS programs.**

The following generic global parameter definitions are members of  a PDS named

GP.ADASQL.SRCE. They include an ABORT parameter which corresponds with the specified environment and can be referenced via the ADAGLOB DD Card in the precompile process:

| Database Name | DBID Nbrs | Batch VS Cobol | Batch MVS Cobol | CICS Cobol |
|---|---|---|---|---|
| General Gov | 101 | ADAGLB1 | ADAGLBM1 | ADAGLBC1 |
| Development | 2, 12, 13, 102 | ADAGLB2 | ADAGLBM2 | ADAGLBC2 |
| Criminal Justice | 3 | ADAGLB3 | ADAGLBM3 | ADAGLBC3 |
| Human Services | 4 | ADAGLB4 | ADAGLBM4 | ADAGLBC4 |
| Acceptance Test | 5, 105 | ADAGLB5 | ADAGLBM5 | ADAGLBC5 |
| Education Dev | 7 | ADAGLB7 | ADAGLBM7 | ADAGLBC7 |
| Education Prod | 8 | ADAGLB8 | ADAGLBM8 | ADAGLBC8 |
| Training | 9, 109 | ADAGLB9 | ADAGLBM9 | ADAGLBC9 |
| Maintenance | 11, 111 | ADAGLB11 | ADAGLM11 | ADAGLC11 |
| Workforce Services Prod | 14 | ADAGLB14 | ADAGLM14 | ADAGLC14 |

If you experience any problems with this new software, please contact ITS Customer Support at 538-3440. If you have any questions regarding the information in this Technical Bulletin, please contact ITS Database Administration at 538-3235.